SONY

UNI-OPL7 Series

Outdoor Pressurized Dome Housings

Installation and Operation Instructions for the following model:

UNI-OPL7C2	Outdoor Pressurized Pendant Housing w/heater & blower, clear lower dome
UNI-OPL7T2	Outdoor Pressurized Pendant Housing w/heater & blower, tinted lower dome

Note: AC 24V power supply for the camera and the heater/blower is an installer/reseller provided item.

Note: Please note that to achieve the increased depth with the aspheric design for optimal camera lens to capsule orientation, the capsule is slightly angled around the highest section. This creates a ”line’, visible to the naked eye, around the upper most section of the capsule. This “line” serves as the geometric center line used to insure proper camera placement. It is not typically seen by the camera. However, Sony RZ series PTZ cameras are able to tilt up above the horizon to 25°, this wide range of tilt motion at a wide angle view may cause this line to be captured in the image.

Mounting instructions for:
SNC-RZ25
SNC-RX530
SNC-RX550
SNC-RX570
SNC-RH124
SNC-RS44
SNC-RS46

Quick Reference: Camera Installation Steps

SNC-RZ25.....Go to Steps 2-4
SNC-RX Series.....Go to Steps 5-7
SNC-RH/RS.....Go to Steps 8-15

81-IN6586
10-14-2009

IMPORTANT SAFEGUARDS

1. Read Instructions - All the safety and operating instructions should be read before the unit is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the unit and in the operating instructions should be adhered to.
4. Follow Instructions - All operating and user instructions should be followed.
5. Electrical Connections - Only a qualified electrician should make electrical connections..
6. Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Cable Runs - All cable runs must be within permissible distance
8. Mounting - This unit must be properly and securely mounted to a supporting structure capable of sustaining the weight of the unit.

Accordingly:

- **a.** The installation should be made by a qualified installer.
- **b.** The installation should be in compliance with local codes.
- **c.** Care should be exercised to select suitable hardware to install the unit, taking into account both the composition of the mounting surface and the weight of the unit.

Be sure to periodically examine the unit and the supporting structure to make sure that the integrity of the installation is intact. Failure to comply with the foregoing could result in the unit separating from the support structure and falling, with resultant damages or injury to anyone or anything struck by the falling unit.

UNPACKING

Unpack carefully. Electronic components can be damaged if improperly handled or dropped. If an item appears to have been damaged in shipment, replace it properly in its carton and notify the shipper.

Be sure to save:

1. The shipping carton and packaging material. They are the safest material in which to make future shipments of the equipment.
2. These Installation and Operating Instructions.

SERVICE

If technical support or service is needed, contact Sony at the following number.

TECHNICAL SUPPORT
8:15 AM to 7:30 PM
(EASTERN TIME)
1-800-883-6817

SAFETY PRECAUTIONS

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Este símbolo se piensa para alertar al usuario a la presencia del "voltaje peligroso no-aislado" dentro del recinto de los productos que puede ser un riesgo del choque eléctrico.

Ce symbole est prévu pour alerter l'utilisateur à la présence "de la tension dangereuse" non-isolée dans la clôture de produits qui peut être un risque de choc électrique.

Dieses Symbol soll den Benutzer zum Vorhandensein der nicht-isolier"Gefährdungsspannung" innerhalb der Produkteinschließung alarmieren, die eine Gefahr des elektrischen Schlages sein kann.

Este símbolo é pretendido alertar o usuário à presença "da tensão perigosa non-isolada" dentro do cerco dos produtos que pode ser um risco de choque elétrico

Questo simbolo è inteso per avvertire l'utente alla presenza "di tensione pericolosa" non-isolata all'interno della recinzione dei prodotti che può essere un rischio di scossa elettrica.

The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Este símbolo del punto del exclamation se piensa para alertar al usuario a la presencia de instrucciones importantes en la literatura que acompaña la aplicación.

Ce symbole de point d'exclamation est prévu pour alerter l'utilisateur à la présence des instructions importantes dans la littérature accompagnant l'appareil.

Dieses Ausruf Punktsymbol soll den Benutzer zum Vorhandensein der wichtigen Anweisungen in der Literatur alarmieren, die das Gerät begleitet

Este símbolo do ponto do exclamation é pretendido alertar o usuário à presença de instruções importantes na literatura que acompanha o dispositivo.

Questo simbolo del punto del exclamation è inteso per avvertire l'utente alla presenza delle istruzioni importanti nella letteratura che accompagna l'apparecchio.

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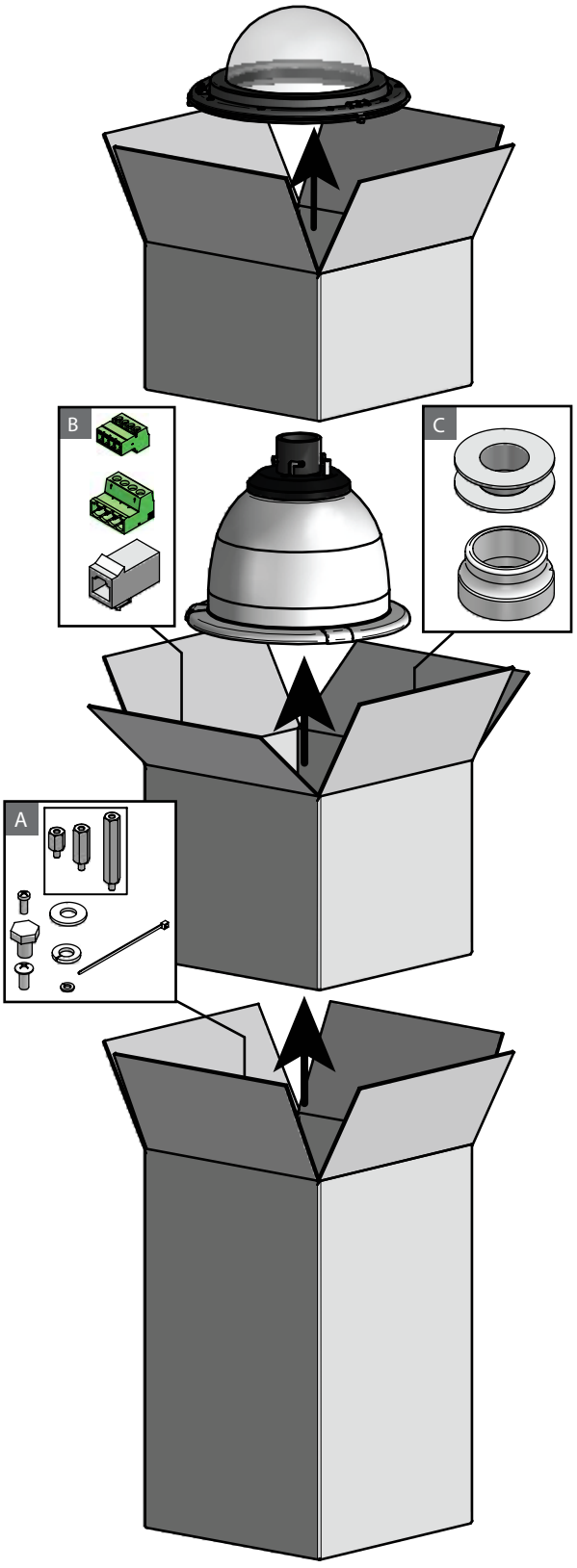
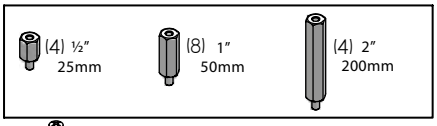
Contents of Box



Contents of Box Details

A

(1) Spacer Packet



(4) M3 x 6mm Machine Screw

(4) M3 lock washers

(1) 1/4 x 20 Bolt

(1) 1/4 flat washer

(1) 1/4 lock washer

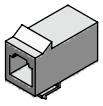
(3) 8 x 32 x 3/8" bolt

(3) Cable ties

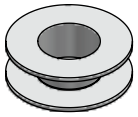
B

(1) 4 Pin Auxiliary Connector

(1) 4 Pin Power Connector


(1) RJ45 Coupling

C


(1) Teflon Tape

(1) Pendant Gasket

Electrical Specifications

UNI-OPL7C2

Power 24VAC
Class 2 Only

English

77 Watts at 24 VAC
Heater: 50 Watts
Blower: 1 Watt
Camera: Approximately 25 Watts at 24 VAC*
Refer to applicable camera specs for precise consumption.
Input Connectors (Outdoor Units):
(1) BNC (Analog Video)
(2) Screw-Down Connectors (Power/Alarms)
(1) RJ45 (Data)
Tools Required: .100" Flat Head Screwdriver
Phillips Head Screwdriver

Español

77 vatios en 24 VAC
Calentador: 50 vatios
Soplador: 1 vatio
Cámara: Aproximadamente 25 Watts a 24 VAC *
**** Consulte con las especificaciones de la cámara aplicable para el consumo exacto.***
Conectadores De la Entrada (Unidades Al aire libre):
(1) BNC (Vídeo Análogo)
(2) Conectadores Del Tornillo-Abajo
(Power/Alarms)
(1) RJ45 (datos)
Las Herramientas Requirieron: Destornillador Principal
Plano Del 100" Destornillador Principal Phillips

Français

77 watts à 24 VCA
Réchauffeur : 50 watts
Ventilateur : 1 watt
Appareil photo: Environ 25 Watts à 24 VAC *
**** Se reporter aux spécifications applicables à la consommation caméra précis.***
Connecteurs D'Entrée (Unités Extérieures) :
(1) BNC (Vidéo Analogue)
(2) Connecteurs De Vis-Vers le bas
(Power/Alarms)
(1) RJ45 (données)
Outils Requis : Tournevis Principal Plat De 100"
Tournevis Principal Phillips

Deutsch

77 Watt bei 24 VAC
Heizung: 50 Watt
Gebläse: 1 Watt
Kamera: ca. 25 W bei 24 VAC *
**** Wenden Sie sich an geltenden Kamera Angaben zur genauen Verbrauch.***
Eingang Stecker (Im Freienmaßeinheiten):
(1) BNC (Analoger Bildschirm)
(2) Schraube-Unten Stecker (Power/Alarms)
(1) RJ45 (Daten)
Werkzeuge Erfordert: 100"Flacher
Hauptschraubenzieher
Kreuzkopfhauptschraubenzieher

Portuguese

77 watts em 24 VAC
Calefator: 50 watts
Ventilador: 1 watt
Camera: Aproximadamente 25 Watts a 24 VCA *
**** Consulte a Ficha câmera aplicável ao consumo precisa.***
Conectores Da Entrada (Unidades Ao ar livre):
(1) BNC (Vídeo Análogo)
(2) Conectores Do Parafuso-Para baixo
(Power/Alarms)
(1) RJ45 (dados)
Ferramentas Requeridas: Chave de fenda Principal
Lisa Do 100". Chave de fenda
Principal Phillips

Italiano

77 watt a 24 VCA
Riscaldatore: 50 watt
Ventilatore: 1 watt
Fotocamera: Circa 25 Watt a 24 VAC *
**** Fare riferimento a specifiche fotocamera applicabili per il consumo precise.Connettori Dell'Input (Unità Esterne):***
(1) BNC (Video Analog)
(2) Connettori Della Vite-Giù (Power/Alarms)
(1) RJ45 (dati)
Attrezzi Richiesti: Cacciavite Capo Piano Del 100"
Cacciavite Capo "phillips"

Operating Temperature Specifications

-40°C to + 50°C (-40°F to +122°F)

1

Wire Gauge

Total vA consumed	,5	,75	1,0	1,5	2,5	4	6	MM^2
	22	20	18	16	14	12	10	AWG
5.5	ft / m	400 / 121	600 / 182	960 / 292	-	-	-	
10	120 / 36.5	180 / 54.9	300 / 91.4	480 / 146	800 / 243	1300 / 396	-	
20	89 / 27.1	141 / 43.0	225 / 68.6	358 / 109	571 / 174	905 / 275	1440 / 438	
30	65 / 19.8	90 / 27.4	130 / 39.6	225 / 68.6	350 / 106	525 / 160	830 / 252	
40	44 / 13.4	70 / 21.3	112 / 34.1	179 / 54.6	285 / 86.9	452 / 138	720 / 219	
50	35 / 10.6	56 / 17.1	90 / 27.4	143 / 43.6	228 / 69.5	362 / 110	576 / 175	
60	29 / 9.4	47 / 14.3	75 / 22.9	119 / 36.2	190 / 57.9	301 / 91.7	480 / 146	
70	25 / 8.8	40 / 12.2	64 / 19.5	102 / 31.1	163 / 49.7	258 / 78.6	411 / 125	
80	31 / 7.6	34 / 10.3	55 / 16.8	85 / 25.9	140 / 42.7	215 / 65.5	340 / 103	

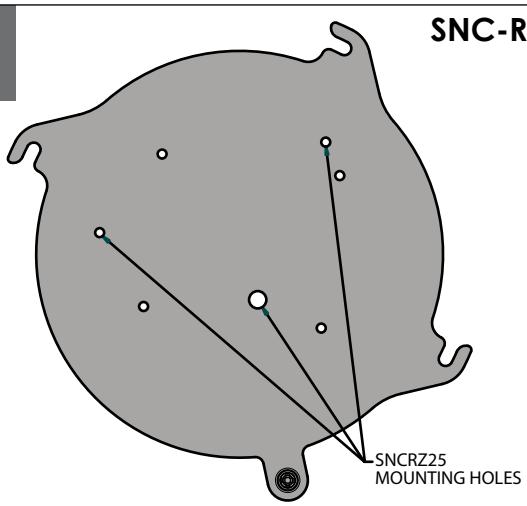
These are recommended maximum distances for 24VAC with a 10% voltage drop.

- Éstos se recomiendan las distancias máximas para 24VAC con una gota del voltage del 10%.
- Ceux-ci sont recommandés des distances maximum pour 24VAC avec une chute de tension de 10%.
- Diese werden maximale Abstände für 24VAC mit einem 10% Spannungsabfall empfohlen.
- Estes são recomendados distâncias máximas para 24VAC com uma queda de tensão de 10%.
- Questi sono suggeriti distanze massime per 24VAC con una differenza de potenziale di 10%.

Camera Installation: SNC-RZ25

2

SNC-RZ25

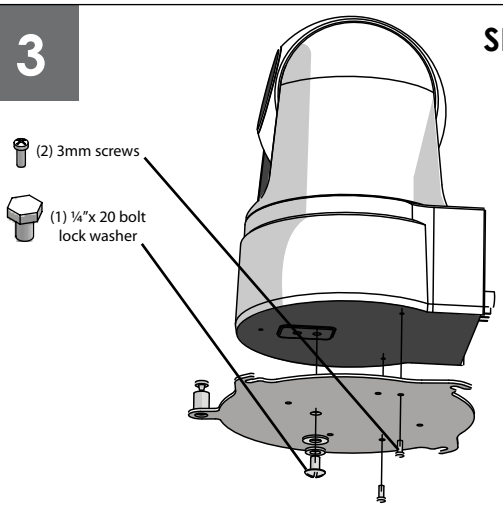


Remove the quick release plate from the housing.

- Quite la placa rápida del lanzamiento de la cubierta.
- Enlevez le plat rapide de dégagement du logement.
- Entfernen Sie die schnelle Freigabeplatte vom Gehäuse.
- Remova a placa rápida da liberação da carcaça.
- Rimuova la piastra rapida del rilascio

3

SNC-RZ25

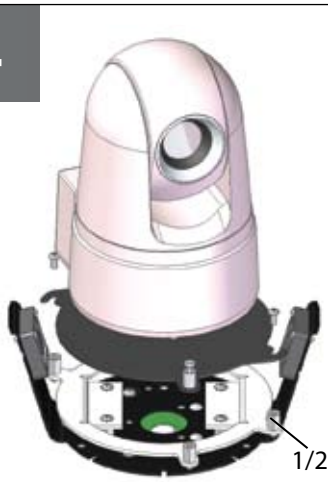


Mount the camera to the plate using the appropriate pattern.

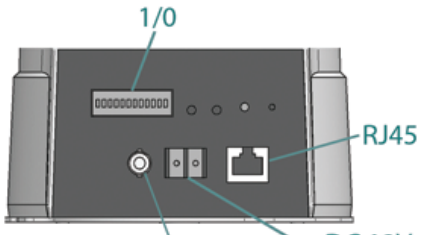
- Monte la cámara fotográfica a la placa usando el patrón apropiado.
- Montez l'appareil-photo au plat en utilisant le modèle approprié.
- Bringen Sie die Kamera zur Platte mit dem passenden Muster an.
- Monte a câmera à placa usando o teste padrão apropriado.
- Monti la macchina fotografica alla piastra usando il modello adatto.

4

SNC-RZ25



1/2" Spacers
or standoffs



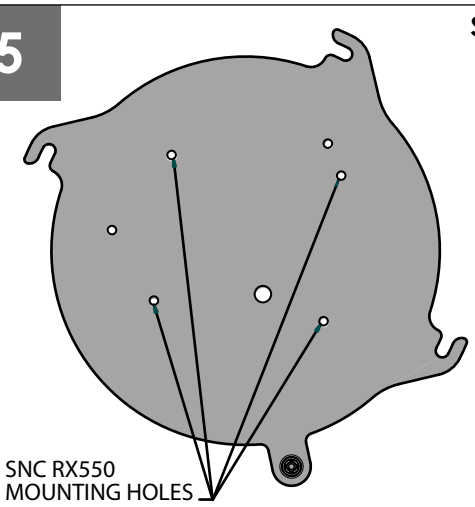
Power and Control Leads		
1	Camera Power (24VAC)	Red
2	Camera Power (24 VAC)	Orange
1	Alarm 1	Blue
2	Alarm 2	Violet
3	Alarm 3	Gray
4	Common	White

Add (4) 1/2" spacers, align tabs in mounting plate and turn counterclockwise then secure. When completed, go to step 16.

- Añadir (4) 1 / 2 "de separación, se suman las pestañas en la placa de montaje y gire en sentido entonces seguro. Cuando se haya completado, vaya al paso 16.
- Ajouter (4) 1 / 2 "d'espacement, l'alignement des onglets dans la plaque de montage et de tourner dans le sens antihoraire sécurisée. Une fois terminé, passez à l'étape 16.
- "Hinzufügen" (4) 1 / 2 "Abstandhalter, Angleichung der Registerkarten in Montageplatte und dann gegen den Uhrzeigersinn zu sichern. Wenn abgeschlossen, fahren Sie mit Schritt 16 fort.
- Adicionar (4) 1 / 2 "espaçadores, alinhar separadores na placa de montagem e, em seguida, vire à esquerda segura. Quando concluído, vá para a etapa 16.
- Aggiungi (4) 1 / 2 "Distanziatori, allineare le linguette nella piastra di montaggio e poi girate a garantire antiorario. Una volta completato, passare al punto 16.

Camera Installation: SNC-RX530 / RX550 / RX570

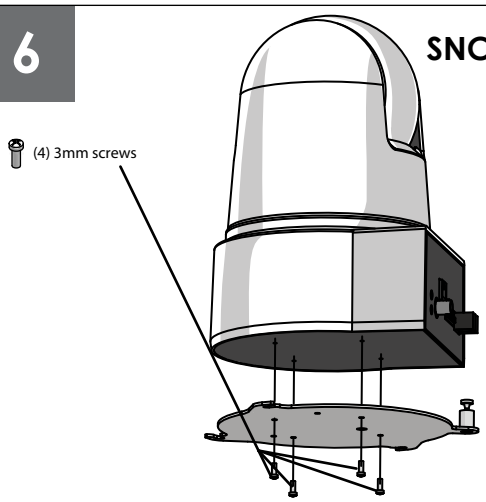
5 **SNC-RXSERIES**



Remove the quick release plate from the housing.

- Quite la placa rápida del lanzamiento de la cubierta.
- Enlevez le plat rapide de dégagement du logement.
- Entfernen Sie die schnelle Freigabeplatte vom Gehäuse.
- Remova a placa rápida da liberação da carcaça.
- Rimuova la piastra rapida del rilascio dall'alloggiamento.

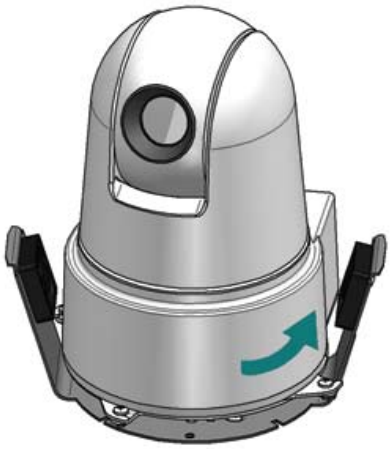
6 **SNC-RXSERIES**

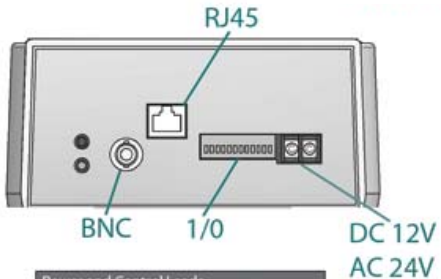


Mount the camera to the plate using the appropriate pattern.

- Monte la cámara fotográfica a la placa usando el patrón apropiado.
- Montez l'appareil-photo au plat en utilisant le modèle approprié.
- Bringen Sie die Kamera zur Platte mit dem passenden Muster an.
- Monte a câmera à placa usando o teste padrão apropriado.
- Monti la macchina fotografica alla piastra usando il modello adatto.

7 **SNC-RXSERIES**





Power and Control Leads		
1	Camera Power (24VAC)	Red
2	Camera Power (24 VAC)	Orange
1	Alarm 1	Blue
2	Alarm 2	Violet
3	Alarm 3	Gray
4	Common	White

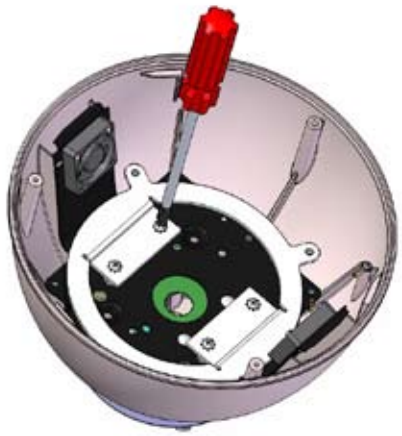
Align tabs in mounting plate with the base plate and turn counterclockwise to secure. NO SPACERS OR STANDOFFS REQUIRED. When completed, go to step 16.

- Alinee las pestañas en la placa de montaje con la placa base y girar en sentido antihorario para seguro. SPACERS O NO OBLIGATORIO STANDOFFS. Cuando se haya completado, vaya al paso 16.
- Alignez les onglets dans une plaque de montage avec la plaque de base et à assurer son tour dans le sens antihoraire. SPACERS STANDOFFS OU NON REQUIS. Une fois terminé, passez à l'étape 16.
- Richten Sie Registerkarten in Montageplatte mit der Bodenplatte und dann gegen den Uhrzeigersinn zu sichern. NO SPACERS ODER Standoffs REQUIRED. Wenn abgeschlossen, fahren Sie mit Schritt 16 fort.
- Alinhar guias na montagem da chapa com base prato e vire à esquerda para garantir. SPACERS OU NÃO STANDOFFS REQUIRED. Quando concluído, vá para a etapa 16.
- Allineare le linguette nella piastra di montaggio con la piastra di base e girare antiorario per sicurezza. DISTANZIALI STANDOFFS N O RICHIESTE. Una volta completato, passare al punto 16.

Camera Installation: SNC-RH124 / RS44 / RS46

8

SNC-RH124
SNC-RS44
SNC-RS46



Remove existing bracket to mount SNC-RH124 or the SNC-RS series cameras.

- Retire el soporte existentes para organizar SNC-RH124 o la SNC-cámaras de la serie RS.
- Retirez le support afin de faire face SNC-RH124 ou le Groupe SNC-caméras de la série RS.
- Entfernen Sie vorhandene Halterung an SNC-mount-RH124 oder die SNC-RS-Serie Kameras.
- Remover suporte existente para montar SNC-RH124 ou do SNC câmeras da série RS.
- Rimuovere supporto esistente per montare SNC-RH124 o la SNC-telecamere della serie RS.

9

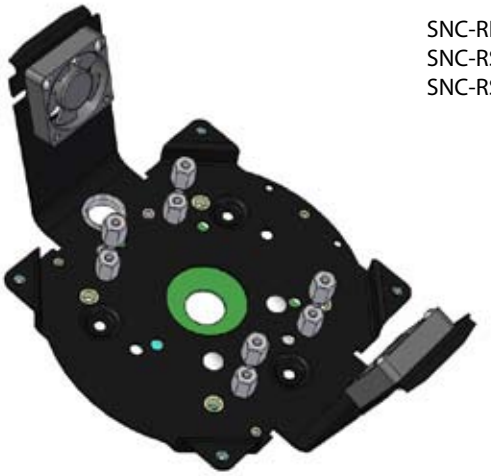
SNC-RH124
SNC-RS44
SNC-RS46

Leave four 1/2” spacers as shown.

- Vacaciones de cuatro 1 / 2 "separadores como se muestra.
- Laissez quatre 1 / 2 "espaceurs comme indiqué.
- Lassen Sie vier 1 / 2 "Spacer, wie gezeigt.
- Deixar quatro 1 / 2 "espaçadores, conforme mostrado.
- Lascia quattro 1 / 2 "distanziali come mostrato.

10

SNC-RH124
SNC-RS44
SNC-RS46



Add four additional 1/2” spacers.

- Agregue cuatro adicional de 1 / 2 "espaciadores.
- Ajoutez quatre supplémentaire de 1 / 2 "entretoises.
- Fügen Sie vier weitere 1 / 2 "Abstandshalter.
- Adicionar quatro adicional de 1 / 2 "espaçadores.
- Aggiungere quattro ulteriori 1 / 2 "distanziali.

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SNC-RH124
SNC-RS44
SNC-RS46

Camera bracket should now appear as shown.

- Soporte de cámara Shaud ahora aparecen como se muestra.
- Support pour caméra devrait maintenant s'afficher comme indiqué.
- Kamerahalterung shoud jetzt wie abgebildet angezeigt.
- Suporte de câmera shoud agora aparecerá como mostrado.
- Staffa Camera shoud ora appaiono come mostrato.

Camera Installation: SNC-RH124 / RS44 / RS46 Cont.

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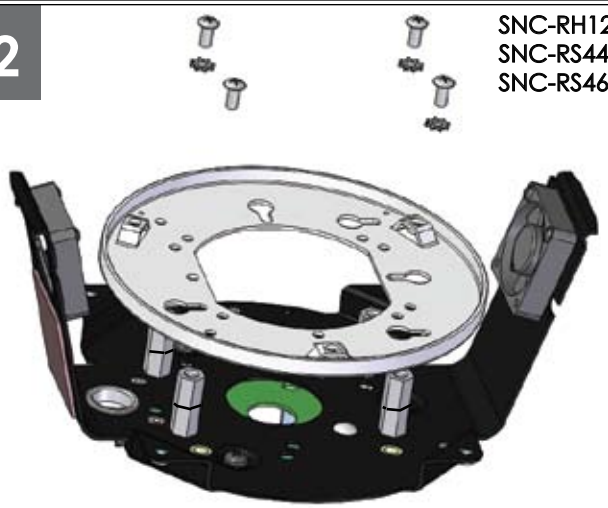
SNC-RH124
SNC-RS44
SNC-RS46

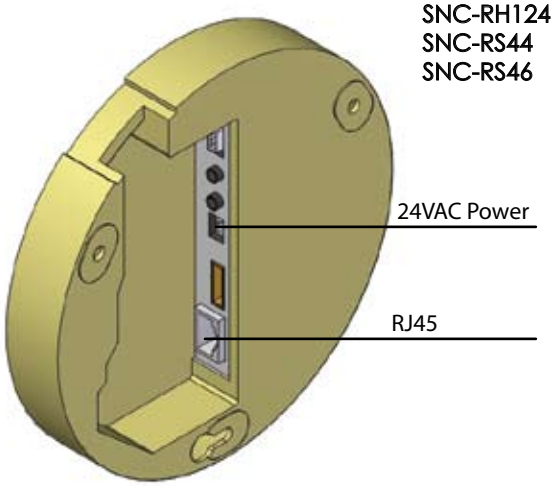


Attach the SNC RH124 ceiling plate to 1" (25mm) spacers in housing

- Ate la placa del techo de SNC RH124" a los espaciadores 1 (de 25m m) en la cubierta
- Attachez le plat de plafond de SNC RH124 » aux entretoises 1 (de 25mm) dans le logement
- Bringen Sie SNC RH124 Deckenplatte zu" (25mm) Distanzscheiben 1 im Gehäuse an
- Una a placa do teto de SNC RH124" aos espaçadores 1 (de 25mm) na carcaça
- Attacchi il piatto del soffitto di SNC RH124„ ai distanziatori 1 (di 25mm) in alloggiamento

13

SNC-RH124
SNC-RS44
SNC-RS46

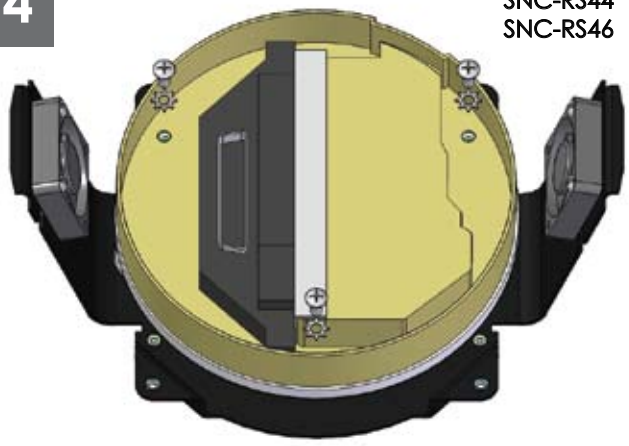


Connect control and power wires to camera base, (see Sony camera instructions)

- Conecte el control y accione los alambres a la base de la cámara, (véase las instrucciones de la cámara de Sony)
- Reliez la commande et actionnez les fils à la base d'appareil-photo, (voir les instructions d'appareil-photo de Sony)
- Schließen Sie Steuerung an und treiben Sie Drähte zur Kameraunter-seite an, (sehen Sie Sony-Kameraanweisungen)
- Conecte o controle e pnha fios à base da câmera, (veja instruções da câmera de Sony)
- Colleghi il controllo ed alimenti i legare alla base della macchina fotografica, (vedi le istruzioni della macchina fotografica di Sony)

14

SNC-RH124
SNC-RS44
SNC-RS46



Attach base plate to ceiling plate with hardware provided with camera

- El embase de la fijación a la placa del techo con hardware proporcionó la cámara
- L'embase d'attache au plat de plafond avec le matériel a fourni en appareil-photo
- Grundplatte der Befestigungs zur Deckenplatte mit Hardware versah mit Kamera
- A placa baixa do anexo à placa do teto com ferragem forneceu com a câmera
- La base di appoggio dell'attaccatura al piatto del soffitto con fissaggi ha fornito la macchina fotografica

15

SNC-RH124
SNC-RS44
SNC-RS46

Attach main connector and install camera to base plate. Secure locking pins

- Ate el conectador principal e instale la cámara al embase. Asegure las clavijas de cierre
- Attachez le connecteur principal et installez l'appareil-photo sur l'embase. Fixez les chevilles de verrouillage
- Bringen Sie Hauptverbindungsstück an und bringen Sie Kamera zur Grundplatte an. Sichern Sie Sicherungsstifte
- Una o conector principal e instale a câmera à placa baixa. Fixe os pinos de travamento
- Attacchi il connettore principale ed installi la macchina fotografica alla base di appoggio. Fissi i perni di bloccaggio

Mounting Preparation

16

Securely attach pendant pipe or the UNI-WMB1. Pull wiring through pipe and position grommet as shown.

- Segura adjuntar colgante o de la tubería de UNI-WMB1. Tire de la tubería y el cableado a través de un drenaje timpánico posición como se muestra.
- Securely joindre pendant la pipe ou le UNI-WMB1. Pull de câblage à travers la pipe et la position œillet comme indiqué.
- Sicher befestigen Anhänger Rohr oder die UNI-WMB1. Ziehen Sie Verkabelung durch Rohr-und Kabeldurchführungen Position wie gezeigt.
- Securely anexar pingente cachimbo ou o UNI-WMB1. Puxar fiação através do tubo e posição grommet como mostrado.
- Sospensione fissa tubo o la norma UNI-WMB1. Estrarre il tubo attraverso il cablaggio e la posizione grommet come mostrato in figura.

17

Wrap Teflon™ tape around the pipe threads to ensure a tight seal.

- La cinta del Teflon del abrigo alrededor de la pipa rosca para asegurar un sello apretado.
- La bande de teflon d'enveloppe autour de la pipe filète pour assurer un joint serré.
- Verpackung Teflonklebeband um das Rohr verlegt, um eine feste Dichtung sicherzustellen.
- A fita adesiva do Teflon do envoltório em torno da tubulação enfía para assegurar um selo apertado.
- Il nastro del Teflon dell'involucro intorno al tubo filetta per accertare una guarnizione stretta.

18

Screw the coupling onto the pipe threads until it is hand tight.

- Atornille el acoplador sobre los hilos de rosca de la pipa hasta que es mano firmemente.
- Vissez le couplage sur les fils de pipe jusqu'à ce que ce soit main fortement.
- Schrauben Sie die Koppelung auf die Rohrgewinde, bis es Hand fest ist.
- Parafuse o acoplamento nas linhas da tubulação até que esteja mão firmemente.
- Avviti l'accoppiamento sui filetti del tubo fino a che non sia fortemente mano.

19

Screw the (2) bolts into the coupling.

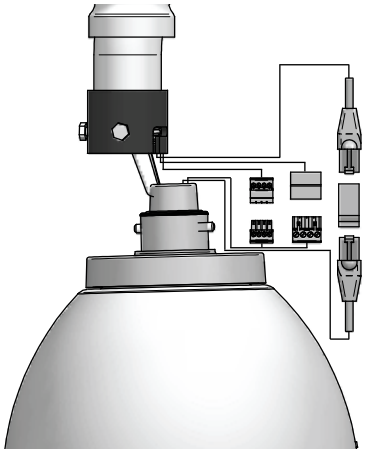
- Atornille (2) los pernos en el acoplador.
- Vissez (2) les boulons dans l'accouplement.
- Schrauben Sie die (2) Schraubbolzen in die Koppelung.
- Parafuse (2) os parafusos no acoplamento.
- Avviti (2) i bulloni nell'accoppiamento.

20

Loop the lanyard over the set screw to temporarily hold housing.

- Loop el cordón sobre el tornillo de fijación para mantener temporalmente de la vivienda.
- Boucle de la longe sur la vis de réglage pour détenir temporairement des logements.
- Loop das Trageband über die Stellschraube, um vorübergehend halten Gehäuse.
- Loop o colhedor sobre o parafuso para prender temporariamente habitação.
- Loop il cordino sulla vite di tenere temporaneamente alloggi.

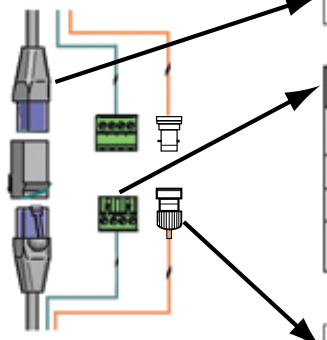
21



Make the appropriate wiring connections from the dome to the pendant.

- Hacer las conexiones de cableado de la cúpula de la pendiente.
- Faites le câblage de la coupole de la suspension.
- Nehmen Sie die entsprechenden Kabel-Verbindungen von der Kuppel auf den Anhänger.
- Faça as conexões de cabos da cúpula para o pingente.
- Apportare le opportune connessioni cablaggio dalla cupola a ciondolo.

22



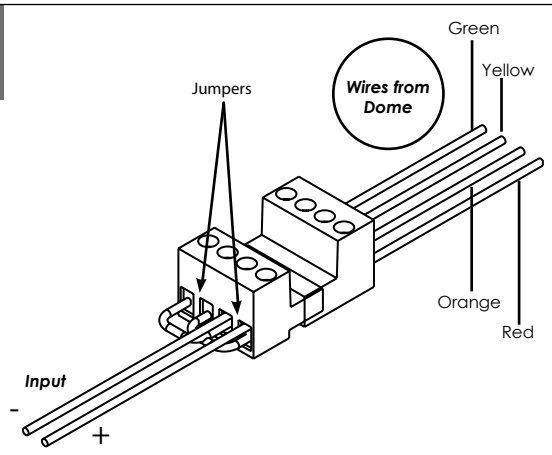
Please refer to camera product manuals regarding consumption

Four Position Connector		Color	Power
1	Camera Power 24 VAC	Red	77 Watts
2	Camera Power 24 VAC	Orange	
3	Sensor Input/Output	Gray	
4	Sensor Input/Output	Violet	

Wiring the dome can be completed by referring to the diagram.

- Atar con alambre la bóveda puede ser terminada refiriendo al diagrama.
- Le câblage du dôme peut être accompli en se rapportant au diagramme.
- Das Verdrahten der Haube kann durchgeführt werden, indem man auf das Diagramm sich bezieht.
- Wiring a abóbada pode ser terminado consultando ao diagrama.
- Legare la cupola può essere completato riferendosi allo schema.

23



Add 2 jumpers if using a common power supply for the camera, heater & blower.

- Añadir 2 jumpers si utiliza una fuente de alimentación para la cámara, calefacción y ventilador.
- Ajoutez 2 cavaliers si vous utilisez une alimentation pour l'appareil photo, appareil de chauffage et de soufflerie.
- Add 2 Jumper, wenn Sie eine gemeinsame Stromversorgung für die Kamera, Heizung & Gebläse.
- Adicionar 2 jumpers comum se utilizar uma fonte de alimentação para a câmara, aquecedor e ventilador.
- Aggiungere 2 ponticelli se si utilizza un alimentatore per la fotocamera, riscaldamento e ventilatore.

24

Undo the lanyard, pull housing up and twist secure with the locking bolt and washers.

- Deshaga el acollador, tire de contener para arriba y tuerza seguro con el perno y las arandelas de fijación.
- Défaites la lanière, tirez loger vers le haut et tordez bloqué avec le boulon et les rondelles de fermeture.
- Annulieren Sie die Abzuglinie, ziehen Sie oben unterbringen und verdrehen Sie sicheres mit dem verriegelnschraubbolzen und den Unterlegscheiben.
- Undo o colhedor, puxe abrigar acima e torça seguro com o parafuso e as arruelas travando.
- Undo la cordicella, tiri l'alloggio in su e torca sicuro con il bullone e le rondelle di bloccaggio.

25

Slide the grommet down over the coupling to prevent water from entering and complete the assembly.

- Resbale el ojal abajo sobre el acoplador para evitar que el agua entre y para terminar a la asamblea.
- Glissez le canon isolant vers le bas au-dessus de l'accouplement pour empêcher l'eau d'entrer et pour accomplir l'assemblée.
- Schieben Sie die Gummimuffe unten über der Koppelung, um zu verhindern, daß Wasser und die Versammlung durchzuführen hereinkommt.
- Deslize o ilhó para baixo sobre o acoplamento para impedir que a água entre e para terminar o conjunto.
- Faccia scorrere il gommino di protezione giù sopra l'accoppiamento per impedire l'acqua entrare e per completare il complessivo.

26

To install the dome align the tabs and twist counter clockwise to secure.

- Para instalar la bóveda alinee las lengüetas y tuerza al revés a la derecha para asegurar.
- Pour installer le dôme alignez les étiquettes et tordez contre dans le sens des aiguilles d'une montre pour fixer.
- Um die Haube anzubringen richten Sie die Vorsprünge aus und verdrehen Sie sich entgegengesetzt nach rechts um zu sichern.
- Para instalar a abóbada alinhe as abas e torça-as contra no sentido horário para fixar-se.
- Per installare la cupola allinei le linguette e torca contro in senso orario per fissare.

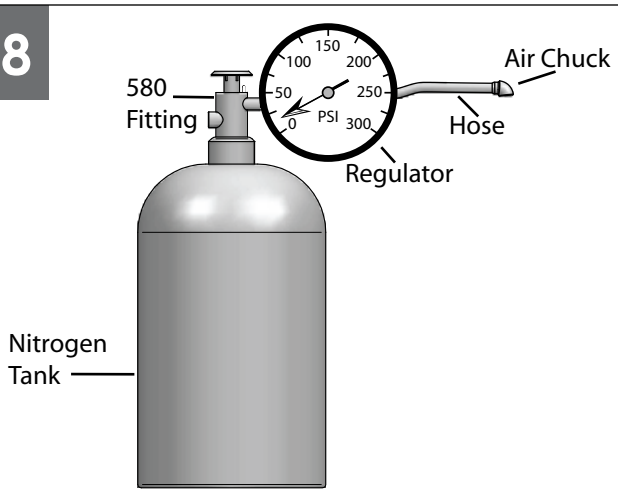
Pressurizing Instructions

27

Hand tighten the screws on the dome. Recommended torque 12 inches/lb (1.35Nm).

- La mano aprieta los tornillos en la bóveda. Esfuerzo de torsión recomendado 12 inches/lb (el 1.35Nm).
- La main serrent les vis sur le dôme. Couple recommandé 12 inches/lb (1.35Nm).
- Hand ziehen die Schrauben an der Haube fest. Empfohlene Drehkraft 12 inches/lb (1.35Nm).
- A mão aperta os parafusos na abóbada. Torque recomendado 12 inches/lb (1.35Nm).
- La mano stringe le viti sulla cupola. Coppia di torsione suggerita 12 inches/lb (1.35Nm).

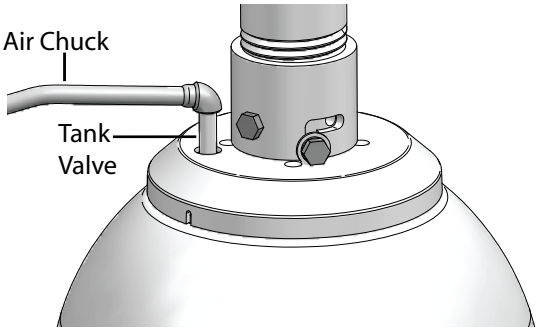
28



When pressurizing unit be sure to set the guage or regulator from 10-20psi (.7-1.4bar).

- Al presurizar la unidad sea seguro fijar la medida o el regulador de 10-20psi (7-1.4bar).
- En pressurisant l'unité soyez sûr de placer la jauge ou le régulateur de 10-20psi (7-1.4bar).
- Wenn Sie Maßeinheit unter Druck setzen, seien Sie sicher, das Eichmaß oder den Regler von 10-20psi (7-1.4bar) einzustellen.
- Ao pressurizar a unidade seja certo ajustar o guage ou o regulador de 10-20psi (7-1.4bar).
- Nel pressurizzare l'unità sia sicuro regolare il misuratore o il regolatore da 10-20psi (7-1.4bar).

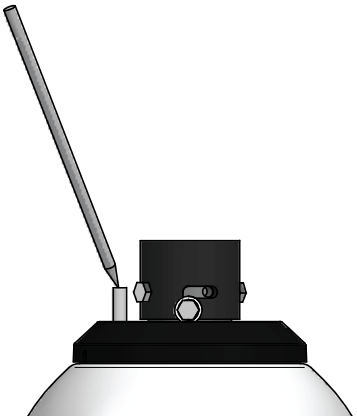
29



Place the air chuck on the tank valve and begin filling until pressure relief valve opens.

- Coloque la tirada del aire en la válvula del tanque y comience a llenar hasta que la válvula de descarga de presión se abre.
- Placez le mandrin d'air sur la valve de réservoir et commencez à remplir jusqu'à ce que la valve de décompression s'ouvre.
- Setzen Sie die Luftklemme auf das Behälterventil und fangen Sie an zu füllen, bis Druckablaßventil sich öffnet.
- Coloque o mandril do ar na válvula do tanque e comece a encher-se até que a válvula de escape de pressão abra.
- Disponga il mandrino dell'aria sulla valvola del carro armato e cominci a riempirsi fino a che la valvola limitatrice della pressione non si apra.

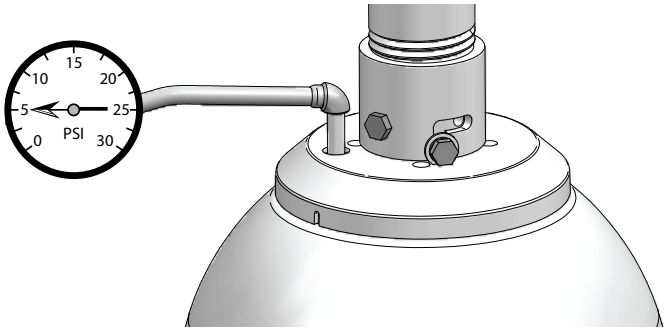
30



Open the relief valve. Drain all air from the housing and repeat twice to remove all moisture.

- Abra la válvula de descarga. Drene todo el aire de la cubierta y de la repetición dos veces para quitar toda la humedad.
- Ouvrez la soupape de sécurité. Évacuez tout l'air le logement et la répétition deux fois pour enlever toute l'humidité.
- Öffnen Sie das Sicherheitsventil. Lassen Sie alle Luft aus dem Gehäuse und der Wiederholung zweimal ab, um alle Feuchtigkeit zu entfernen.
- Abra a válvula de escape. Drene todo o ar da carcaça e do repeat duas vezes para remover toda a umidade.
- Apra la valvola di sfiato. Vuoti due volte tutta l'aria dall'alloggiamento e dalla ripetizione per rimuovere tutta l'umidità.

31



After purging check the housing pressure. It should be around 5psi (.34bar).

- Después de purgar el cheque la presión de la cubierta. Debe estar alrededor de 5psi (34bar).
- Après la purge du contrôle la pression de logement. Elle devrait être autour de 5psi (34bar).
- Nachdem Überprüfung der Gehäusedruck bereinigt worden ist. Sie sollte um 5psi (34bar) sein.
- Após ter removido a verificação a pressão da carcaça. Deve ser em torno de 5psi (34bar).
- Dopo l'eliminazione dell'inceppo del controllo la pressione dell'alloggiamento. Dovrebbe essere intorno a 5psi (34bar).

32 How - to Clean a Dome Bubble

To effectively clean your video surveillance dome bubble (acrylic or polycarbonate) from debris, follow these simple step-by-step instructions.

Materials Needed

- Clean, dry, pressurized air
- Water
- High quality soft paper towel
- Isopropyl alcohol (rubbing alcohol)
- Scratch-resistant cloth

Cleaning Dome Exterior

1. When cleaning exterior of dome, make sure bubble is connected securely to the camera housing.
2. While utilizing a nonabrasive cloth and cleaning agent, safe for use on acrylic or polycarbonate plastic, in a spiral motion, gently clean exterior of bubble.
3. Dry immediately with dry, pressurized air to prevent water spots.

Cleaning Dome Interior

1. Safely remove the dome bubble from the camera housing. To prevent scratches or additional imperfections, utilize a scratch-resistant cloth when handling the bubble.
2. Once removed, carefully place the bubble on a clean surface, safe from dust and any other foreign debris. Do not place the bubble face down on its curved surface.
3. While holding onto the bubble, use clean, dry, pressurized air to gently blow off all loose particles. For more thorough cleaning, try one of the following:
    i. Rinse bubble with water and immediately dry with pressurized air to prevent water spots
    ii. Roll a section of high-quality paper towel into a tube, and tear tube in half. Wet torn edge with rubbing alcohol solution (75% alcohol & 25% water). While holding the bubble facing downward, wipe the interior with the paper towel tube in a circular motion from the outside – in. Use spiraling motions when cleaning. Repeat above steps to clean entire bubble.

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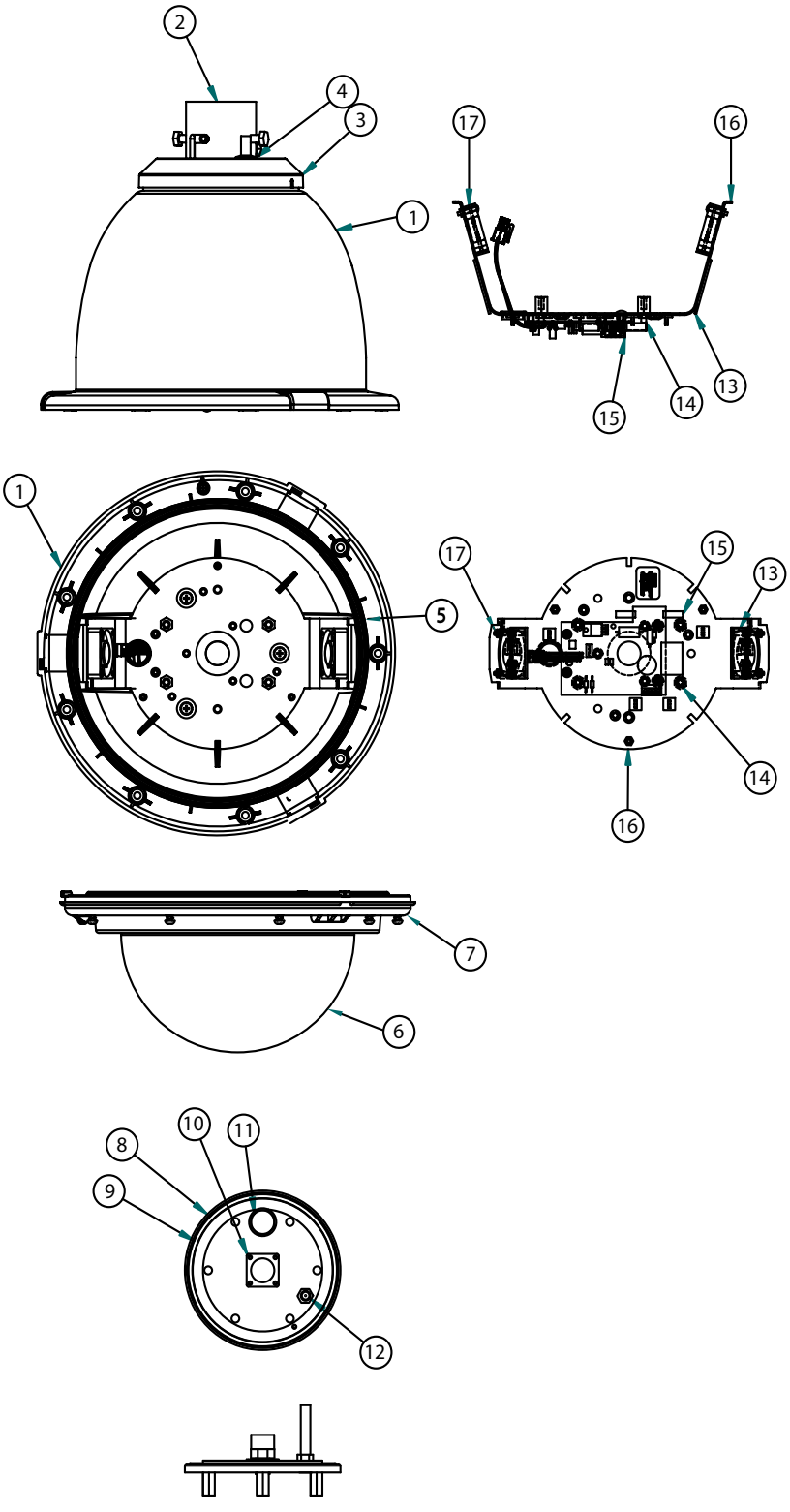
Replacement Parts List

UNI-OPL7C2



	Part No.	Description
1	RPPFDT02	Housing Top (Extended)
2	RPVL1938	Removable Pendent Coupling
3	RPVL1802	Plastic Rain Shroud
4	RPVL1795	Tank Valve Gasket
5	RP96RSORG11	Main O-Ring 9.25"
6	RPPFDTR01	Trim Ring w/o Dome
7	RCPFD7	Clear Dome with sealing O-Ring
7b	RCTPFD7	Tinted Dome with sealing O-Ring
8	RPPFDT03	Internal Sealing Bracket Assembly
9	RP96RSORG10	Small O-Ring 4.5"
10	RP70PT07a	Hermetic Connector, Gasket, Cable
11	RP95VALV08	5 to 7 psi Pressure Relief Valve
12	RP95VALV07	Tank Valve
13	RPFD072	24VAC Heater
14	RPVL1798a	½" Spacers (Set of 4)
15	RP40PCPPFD8	Connection PCB Assembly
16	RPFD060	Main Bracket Assembly
17	RPFD080	Blower
N/S	RP40CAPPFD811	External Input Video/Power Cables
N/S	RP46PKH2220	Packet Assembly-Hardware
N/S	RP46PKH1120	Packet Assembly-Electrical
N/S	RPVL2636	Adaptor Ring (Sony)
N/S	RPVL2825	Mount Plate (Sony)

SONY®

Available Mounting Accessories

UNI-WMB1
Gooseneck
Wall Mount

UNI-RMB1
Aluminum
Parapet Mount

UNI-PMA1
Aluminum Existing
Pole Mount Adaptor

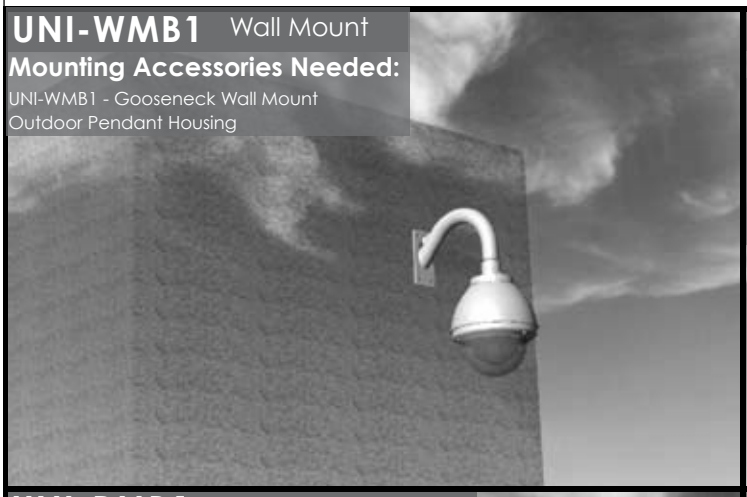
UNI-CMA1
Aluminum Corner
Mount Adaptor

UNI-PBU1
Power Block Unit

UNI-WMB1 Wall Mount

Mounting Accessories Needed:

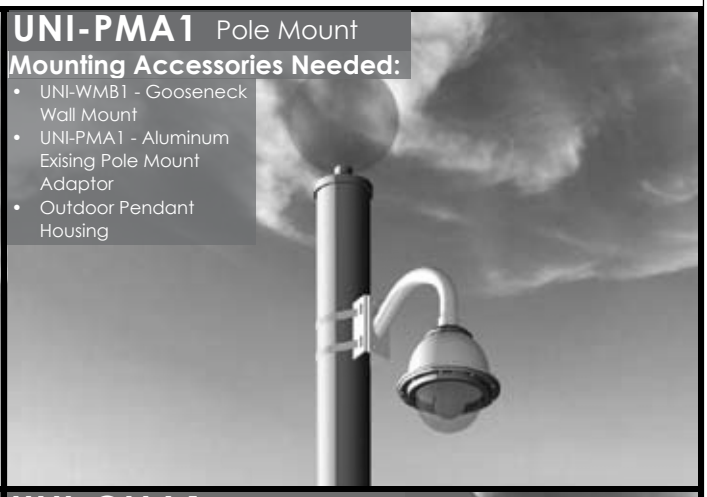
UNI-WMB1 - Gooseneck Wall Mount
Outdoor Pendant Housing



UNI-PMA1 Pole Mount

Mounting Accessories Needed:

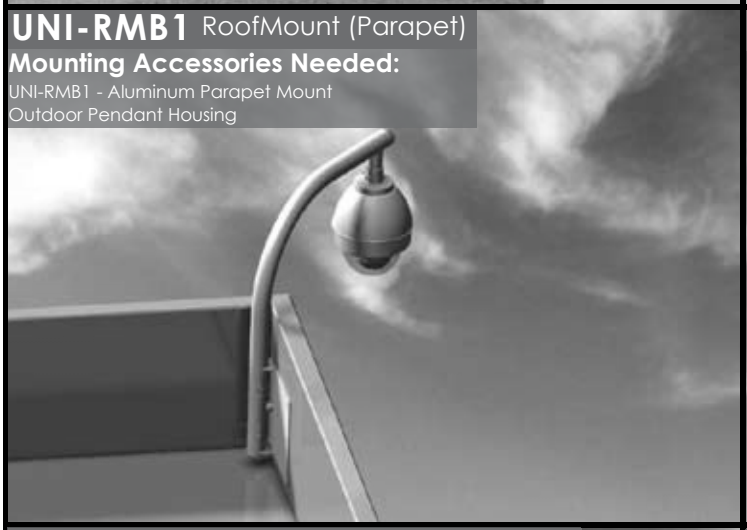
- UNI-WMB1 - Gooseneck Wall Mount
- UNI-PMA1 - Aluminum Exising Pole Mount Adaptor
- Outdoor Pendant Housing



UNI-RMB1 RoofMount (Parapet)

Mounting Accessories Needed:

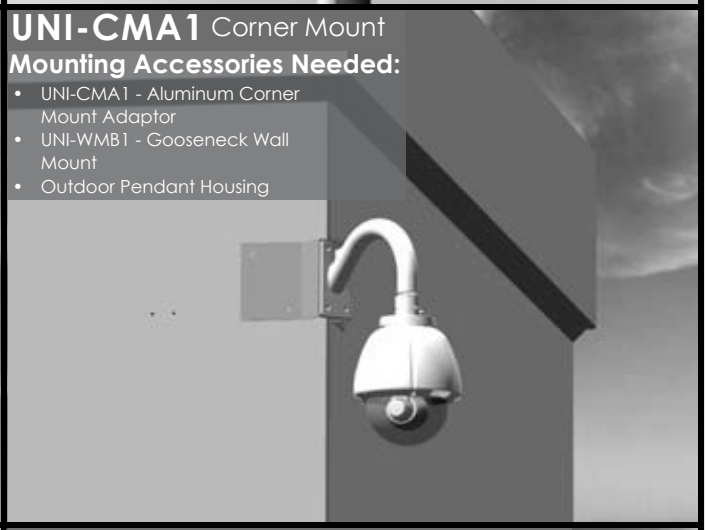
UNI-RMB1 - Aluminum Parapet Mount
Outdoor Pendant Housing



UNI-CMA1 Corner Mount

Mounting Accessories Needed:

- UNI-CMA1 - Aluminum Corner Mount Adaptor
- UNI-WMB1 - Gooseneck Wall Mount
- Outdoor Pendant Housing



UNI-PBU1 Power Block Unit (Wall Mount)

Mounting Accessories Needed:

UNI-WMBI - Gooseneck Wall Mount

UNI-PBU1 Power Block Unit (Pole Mount)

Mounting Accessories Needed:

- UNI-WMB1 - Gooseneck Wall Mount

SONY

Warranty

For warranty information on this and other Sony Security Systems Products, please visit:

http://pro.sony.com/bbsccms/services/files/servicesprograms/SecurityWarranty.pdf